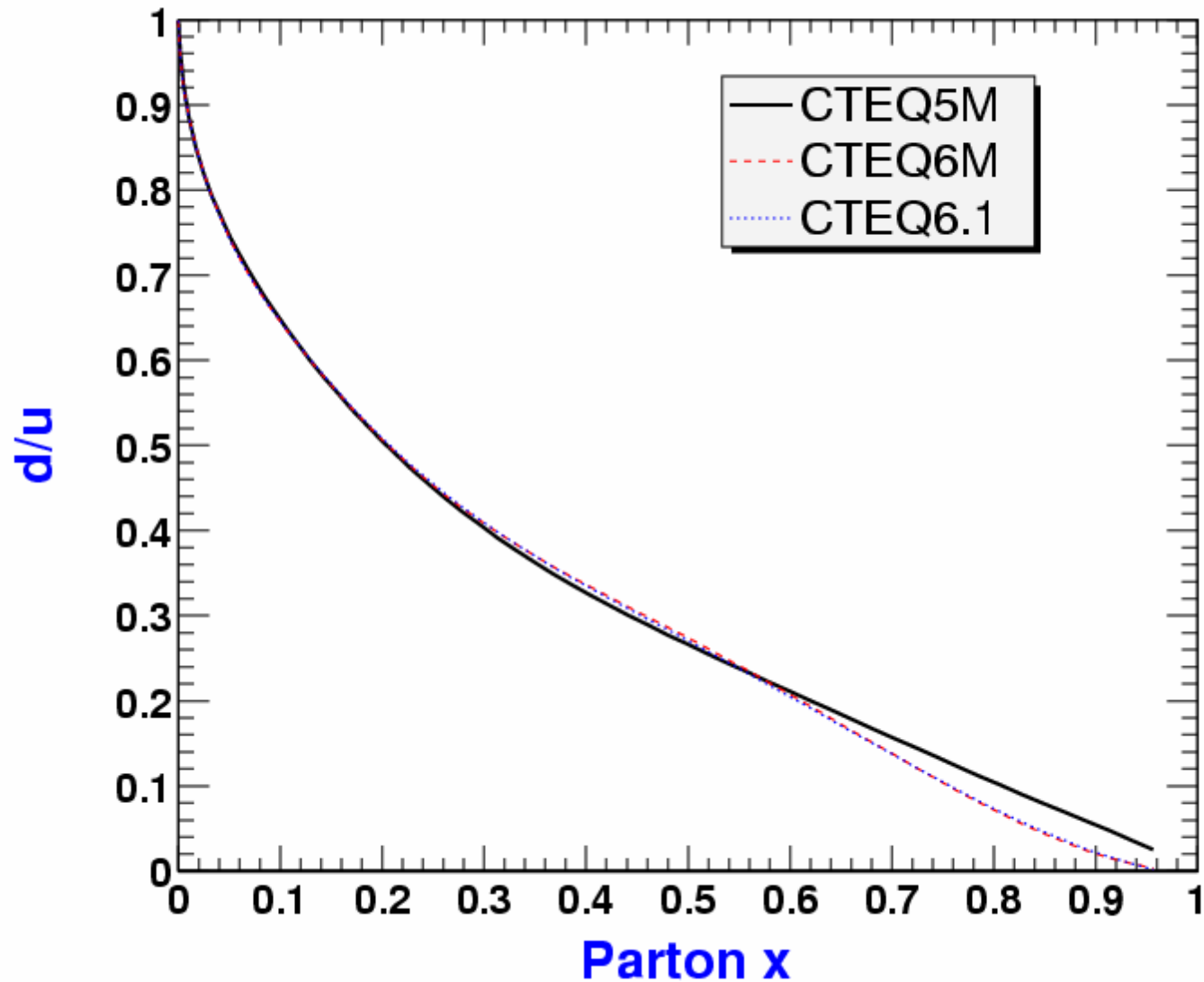
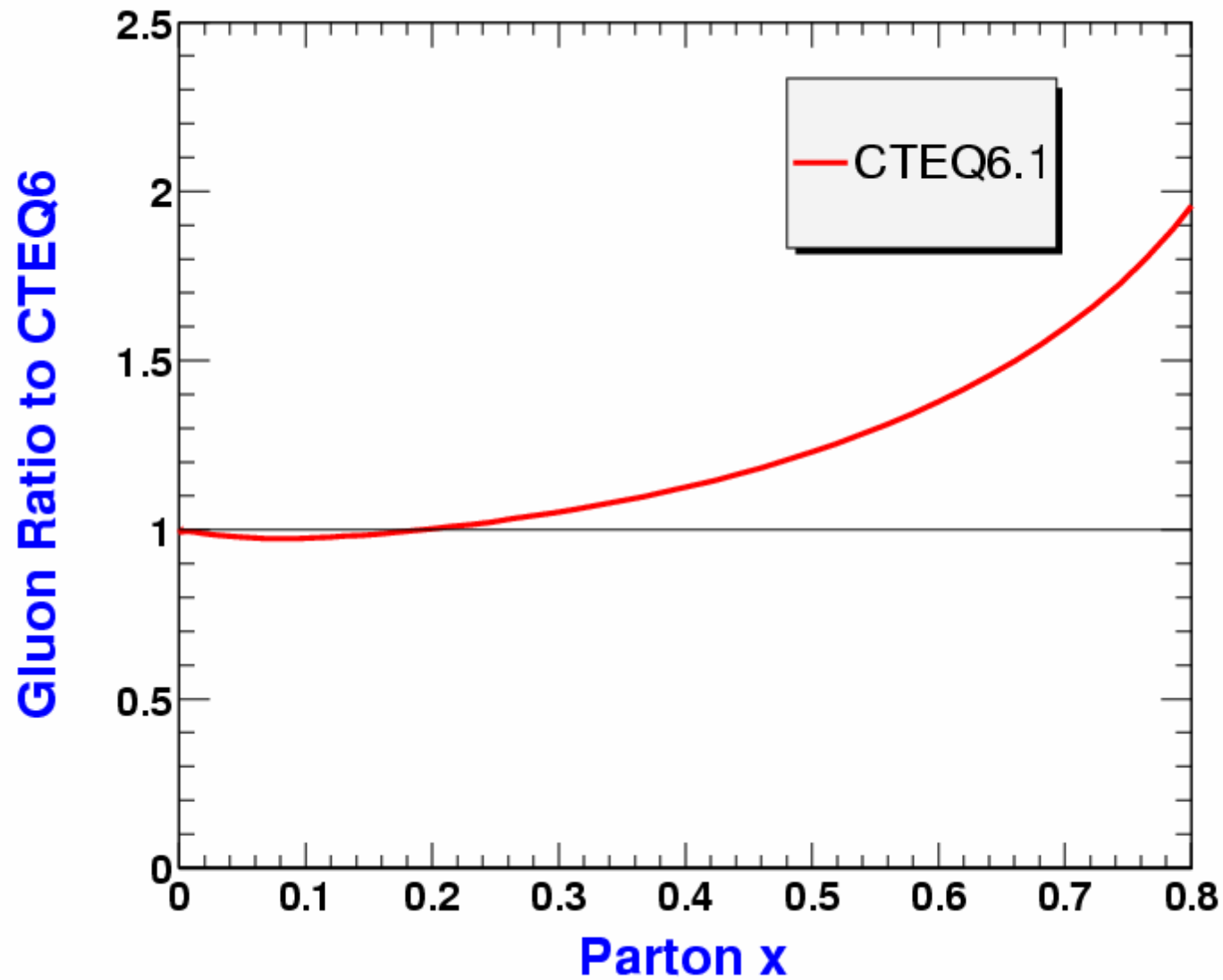


A similar plot to this shown at Lepton-Photon was apparently buggy, this one is correct I believe...

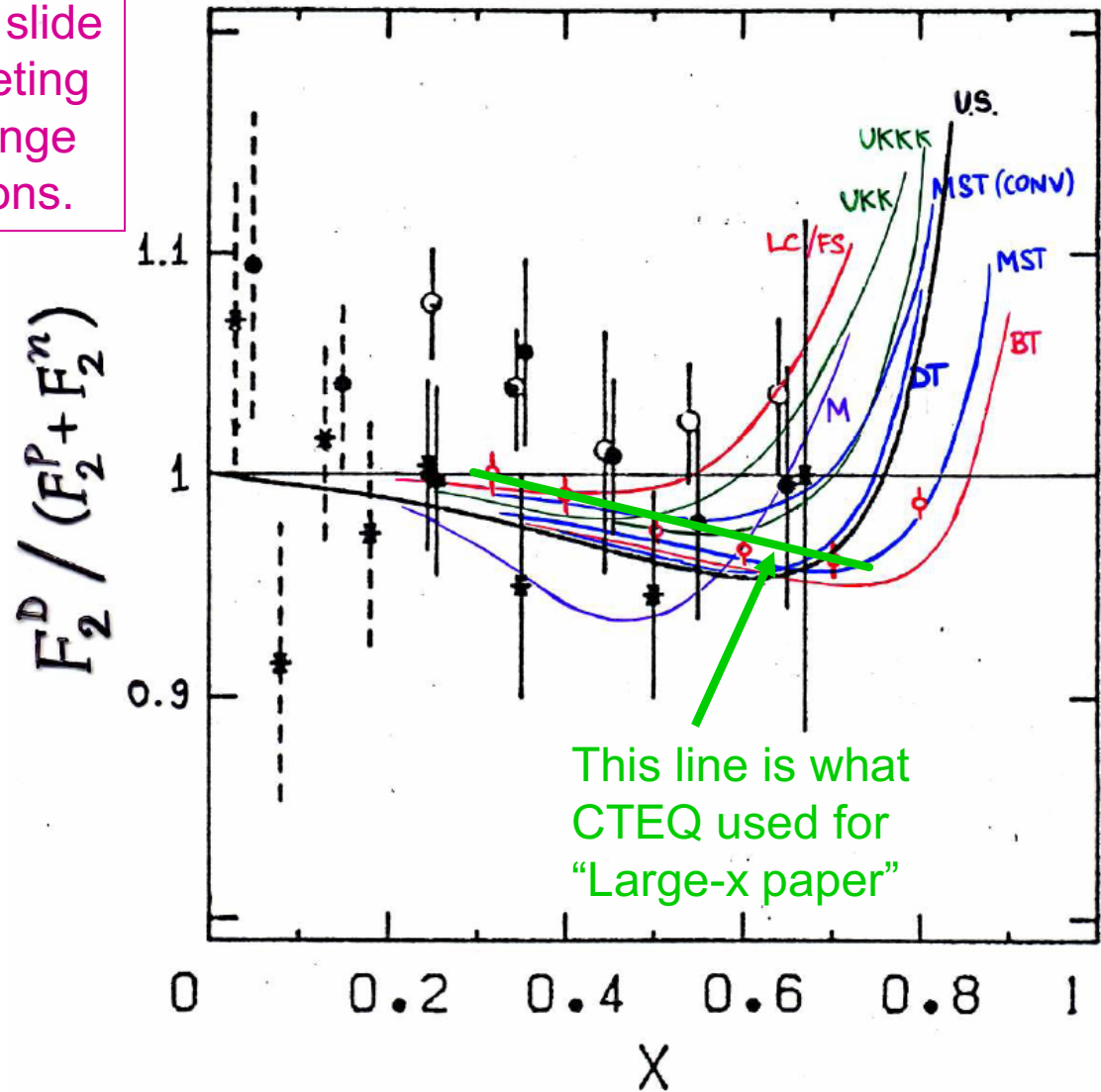
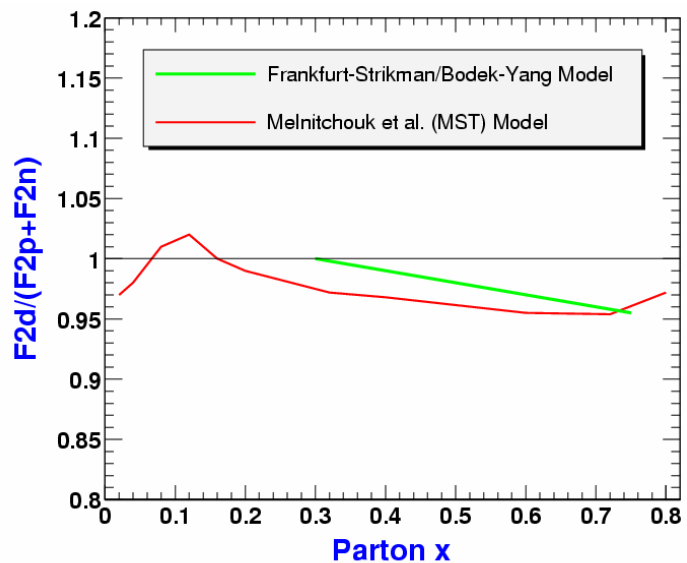


To be sure I reproduced this gluon plot from the jet paper...



Moving on, I start from CTEQ6.1,
add two different deuteron corrections,
refit each one...

Wally Melnitchouk's slide from the large-x meeting at JLAB, showing range of deuteron corrections.



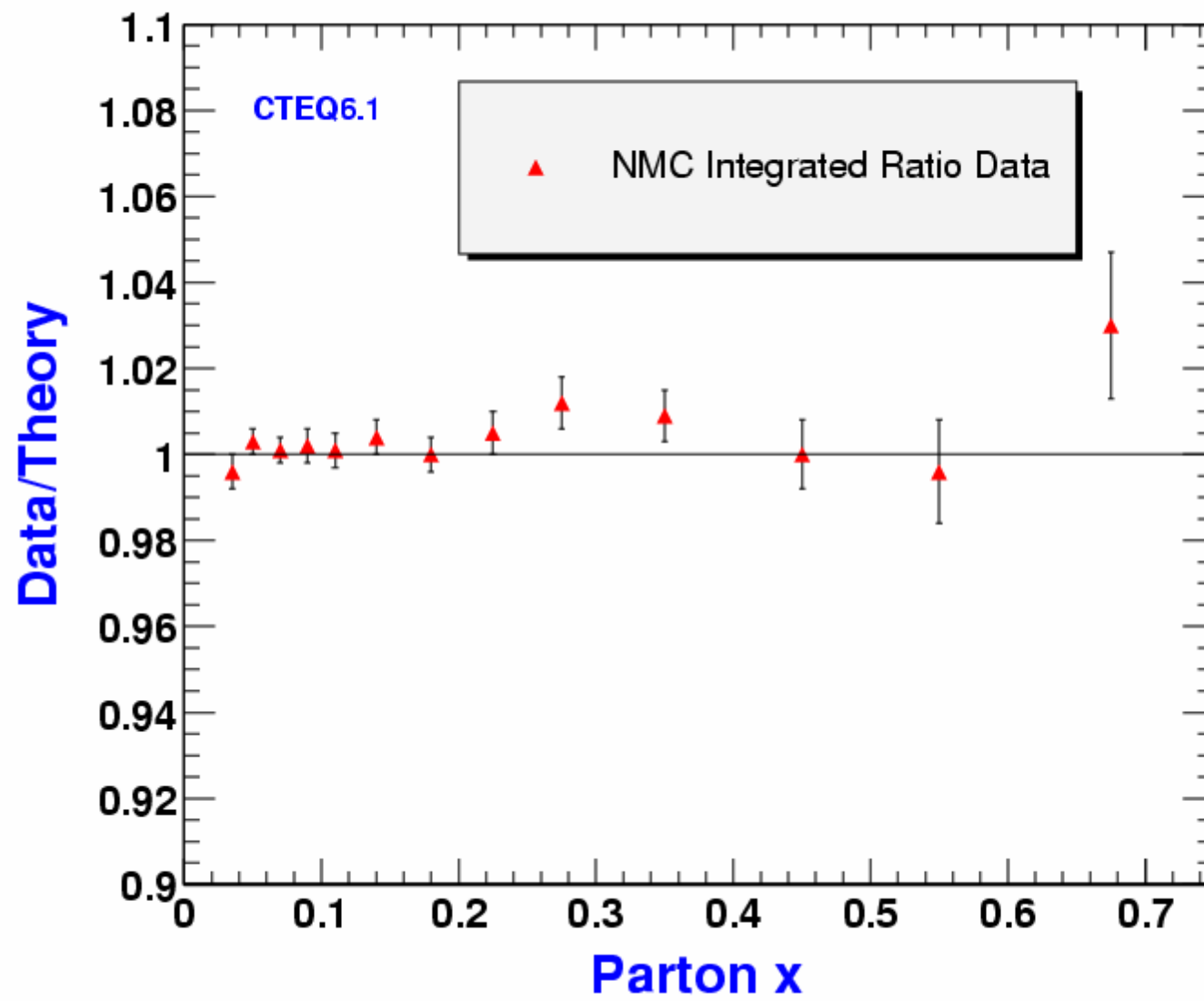
⚡ NUCLEAR DENSITY EXTRAPOLATION

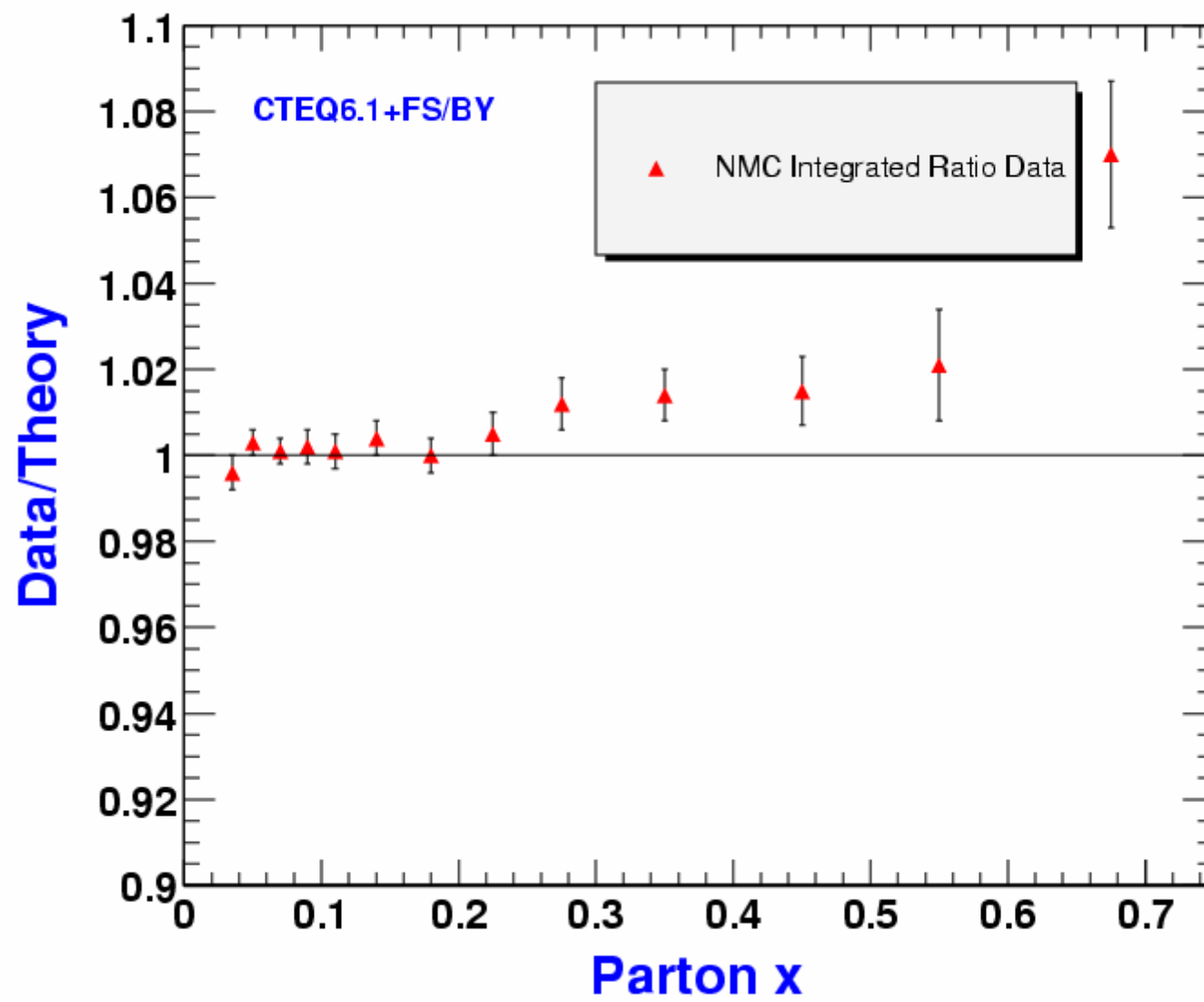
(FRANKFURT & STRIKMAN ; J. GOMEZ ET AL PRD49 (1994) 4348)

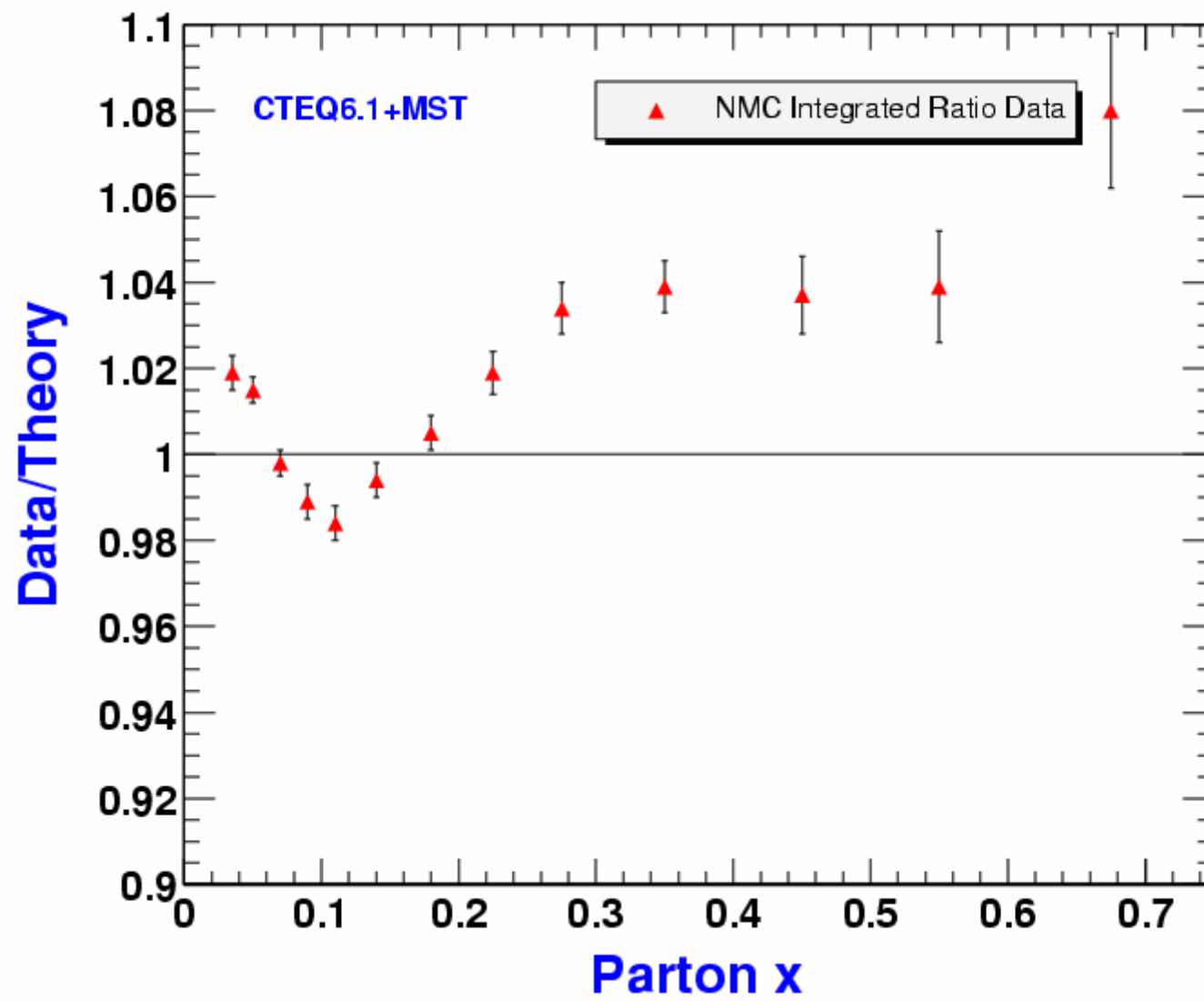
DATA FROM BODEK & SIMON ZPC29 (1985) 231

Use the 22 datasets in the dimuon fits (A00),
add integrated NMC ratio data with weight=0 for plots,
set E866 pp data to weight=0 to avoid confusion,
2478 data points:

	Chisq
Eval with CTEQ6.1	2646 (1.09)
Eval with 6.1 + FS/BY correction	2671 (1.1)
Eval with 6.1 + MST correction	3105 (1.28)







Use the 22 datasets in the dimuon fits (A00),
add integrated NMC ratio data with weight=0 for plots,
set E866 pp data to weight=0 to avoid confusion,
2478 data points:

	Chisq
Fit starting with CTEQ6.1	2711 (1.12)
Fit with 6.1 + FS/BY correction	2674 (1.1)
Fit with 6.1 + MST correction	2891 (1.19)

